

# Multi-Wing unveils complete range of preconfigured axial fans for commercial and industrial applications

The latest phase in the Danish fan expert's reinvention sees it launch a complete range of axial fans, all based on its world leading modular impellers, home-grown internal rotor motors and AC/EC technology

Multi-Wing, the renowned impeller expert, has confirmed its participation in the commercial and industrial fan sector with the launch of a complete range of modular, high performance, low noise compact axial fans.

The fans, premiering at the Chillventa trade show in Nuremberg, Germany (Oct 8-10, 2024), range from 800 mm to 1,800 mm, conform to industry standard dimensions and use entirely in-house developed componentry.

The modular nature of the new range of axial fans means that there are almost 1,000 unique configurations in both AC and EC. The fans are designed to be integrated in industrial and commercial HVAC/R applications, like heat exchangers, dry coolers, condensers, chillers, and open/closed circuit cooling towers.

## Plug & play + customization – all in one range

Multi-Wing is already established in the commercial and industrial sectors, offering bespoke industrial axial fan solutions. The launch of this new preconfigured range allows the company's deep expertise to be delivered at scale, while maintaining the superior customer experience Multi-Wing is famous for.

“We are confident that our series of preconfigured axial fans will be welcomed by large HVAC equipment manufacturers looking for more supplier choice, better fan performance and improved customer support,” says Kristian Brehm, Multi-Wing's Chief Product Officer. “Our new commercial and industrial compact axial fans can be like-for-like replacements for existing fans on the market. They are also available at scale, preconfigured to suit the majority of applications, thoroughly



tested and available off-the-shelf. Competitively priced, we believe they will be a compelling proposition to OEMs looking for greater choice.”

## **Ambitious product roll-out plan**

Multi-Wing’s new range brings both innovation and the ability to allow modification to suit customer requirements.

One example of such innovation is demonstrated in the internal rotor motor technology Multi-Wing has selected. With exterior winding close to the airflow surface, Multi-Wing motors dissipate heat better than traditional designs. This results in enhanced durability against temperature swings and moisture, lowers motor temperatures and prolongs bearing lubrication life. It also means higher power output, moving more air through a given diameter—perfect for high-power applications. Available as either EC technology or AC, the fans come in standard sizes, are IP55 corrosion resistant and their EC drive either integrated or out of the airflow.

Ends.

### **About Multi-Wing**

Multi-Wing is a Danish headquartered, global manufacturer of fans and impellers for HVAC/R and powertrain cooling. With a history dating back to 1938, the company has evolved into a leader in designing and producing customized fan products that cater to a wide range of service and product configurations. Multi-Wing's commitment to innovation and excellence has made it a trusted supplier to the off-highway vehicle and HVAC/R industries.

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